

100746-9 / Halocarbon 221-KGB

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS : LEE SPRAGUE ET AL.

SERIAL NO. : 10/031,136

FILED : June 3, 2002

FOR : PRODUCTION OF ALIPHATIC FLUOROCARBONS

ART UNIT : To Be Assigned

EXAMINER : To Be Assigned

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Hon. Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

SIR:

Pursuant to 37 CFR §§ 1.56, 1.97 and 1.98, Applicants respectfully request that the Examiner consider the references listed on the attached Form PTO-1449.

**I. Timeliness, Fees and Certifications in lieu of Fees**

This information disclosure statement is being filed within three months of the filing date of the application, or within three months of entry into the national stage, or before the mailing of a first Office Action on the merits. Pursuant to 37 CFR § 1.97(b), consideration of this information disclosure statement does not require a fee or a statement under 37 CFR § 1.97(e). However, should the Assistant Commissioner determine that a fee is, in fact, due, the Assistant Commissioner is hereby authorized to charge the fee to Deposit Account No. 14-1263.

## II. Copies of Listed References

Copies of all references listed on the attached Form PTO-1449 are being supplied.

## III. Concise Statement of Relevance


A concise statement of the relevance of all references listed on the attached Form PTO-1449 that are *not in the English language*, is provided below:

FR 2 690 687 A1: Abstract is enclosed.

Consideration of the foregoing in relation to this application is respectfully requested.

Respectfully submitted,

NORRIS McLAUGHLIN & MARCUS, P.A.

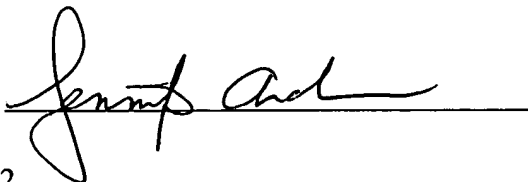
By   
David D. Kim  
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### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Services as first class mail in an envelope addressed to: Hon. Commissioner of Patents, Box Issue, Washington, D.C. 20231 on September 29, 2003

NORRIS McLAUGHLIN & MARCUS, P.A.

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**LIST OF PATENTS AND PUBLICATIONS**  
**APPLICANT'S INFORMATION**  
**DISCLOSURE STATEMENT**  
(Form PTO-1449 Modified)

Attorney Docket:  
100746-9 /Halocarbon 221

Serial No.  
10/031,136

Applicant:  
Lee Sprague et al.

Filing Date:  
June 3, 2002

Group:  
To Be Assigned

**U.S. PATENT DOCUMENTS**

Examiner's Initial		Document Number							Date	Name	Class	Sub Class	Filing Date If appropriate
	AA	2	6	2	7	5	2	9	3 Feb 1953	Feasley et al.	260	653	
	AB	5	1	7	7	2	7	1	5 Jan 1993	Elsheikh et al.	570	156	
	AC	5	8	5	6	5	9	3	5 Jan 1999	Powell et al.	570	156	
	AD	5	4	7	5	1	6	7	12 Dec 1995	Nappa et al.	570	169	
	AE	5	5	2	3	4	9	7	4 Jun 1996	Lui et al.	570	155	
	AF	4	6	1	3	7	0	9	23 Sep 1986	Franklin	570	227	
	AG	4	8	9	8	6	4	5	6 Feb 1990	Voigt et al.	203	67	
	AH												
	AI												
	AJ												
	AK												

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	Sub Class	Translation Yes No	
	AL	2 690 687 A1	5 Nov 1993	France				
	AM	0 402 652 A1	19 Dec 1990	Europe				
	AN	0 877 009 A1	11 Nov 1998	Europe				
	AO	2 313 118 A	19 Nov 1997	Great Britain				
	AP	98 33755	6 Aug 1998	World				
	AQ	99 51553	14 Oct 1999	World				
	AR	1 039 468	17 Aug 1962	Great Britain				
	AS							

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

	AR	Database Caplus, Chemical Abstracts Service, Difelice, John J. et al., "Thermal Reactions of 2-chloro-1,1,1,2-tetrafluoroethane", Combustion Science and Technology (1996) 116-117 (106), 5-30, STN Accession No. 126: 117682, XP 002220687.
	AS	Database Caplus, Chemical Abstracts Service, Salmon, Robert, et al., "Experimental Flow Study on Pyrolysis of 2-Chloro-1,1,1,2-tetrafluoroethane", Chemical and Physical Processes in Combustion (1996) 507-510, STN Accession No. 126: 131133, XP 002220688.
	AT	Abstract of FR 2690687 from EPO website database.

**EXAMINER:**

**DATE CONSIDERED:**

- **EXAMINER:** Initial if Reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformation and not considered, include copy of this form with next communication to applicant.
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